

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/06953

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F1/32 H04M1/73

COPY

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 248 929 A (BURKE TIMOTHY M) 28 September 1993 (1993-09-28) the whole document	1-14
A	US 5 903 254 A (HESS RANDALL L ET AL) 11 May 1999 (1999-05-11) column 6, line 28 -column 8, line 30; figures 4-5D	1-14

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

26 August 2003

Date of mailing of the international search report

02/09/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Ciarelli, N

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/06953

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5248929	A	28-09-1993	JP 6021867 A	28-01-1994
			US 5333176 A	26-07-1994
US 5903254	A	11-05-1999	US 5640176 A	17-06-1997
			AT 164461 T	15-04-1998
			AU 3474893 A	01-09-1993
			CA 2127371 A1	05-08-1993
			DE 69317647 D1	30-04-1998
			DE 69317647 T2	06-08-1998
			EP 0623229 A1	09-11-1994
			WO 9315456 A2	05-08-1993